

MAY

1974

AT THE
CALIFORNIA ACADEMY OF SCIENCES

MAY MEETINGS

Dates & Times: Matinee, 2:30 p.m., Wednesday
May 8

Evenings, 8:00 p.m., Wednesday
and Thursday, May 8-9

Place: May Treat Morrison Auditorium

Speaker: Carl Roessler

Subject: "LIVING TREASURE: CREATURES
OF THE CORAL REEF"

The undersea life in the Caribbean, near Australia and the Galapagos Islands, the Indian Ocean, Micronesia and other tropic locations is stunningly beautiful and Mr. Roessler, through special talent, has captured much of it in his 35mm color slides. The living cities that are tropical coral reefs boast an enormously vital and complex series of relationships. Predation, cleaning, breeding and other behavior are executed with ritual and communication comparable to that of any terrestrial community. For the human observer, the coral community is an intricate mosaic of color and motion that becomes more and more rewarding as one's observational skills increase. The pleasure is indescribable.

Mr. Roessler spent several years as Director of Computation at Yale University. In 1969, he left the world of computer science and moved his family to Curacao in the Netherlands Antilles to embark upon a career of underwater photography, writing and travel. As a freelancer he has contributed to such magazines as *Natural History*, *International Wildlife*, *Oceans*, *Saturday Review* and others. Currently based in San Francisco, he organizes and leads underwater excursions to the world's richest and most exotic undersea destinations.

Three presentations as indicated and your membership card will admit you through the main entrance of Cowell Hall. At the matinee performance you may be asked to present it once again at the auditorium entrance.

MORRISON PLANETARIUM

"THE EMPEROR'S HEAVENS" continues in the Theatre of the Stars through June 16. For some fourteen centuries, astronomy lay dormant in the West. Halfway 'round the world, Chinese astronomers were making observations which are still in use today.

Performances daily at two with evening shows, Wednesday through Sunday, at eight. Extra matinees at 3:30 on Saturdays, Sundays and holidays. Closed Monday and Tuesday nights. Admission is one dollar with half-price for those 17 and under. We would remind you that every Sunday afternoon at 4:45, the regular planetarium show is presented in Spanish for Spanish speaking audiences.

SPECIAL EXHIBITS

"MAN AND THE MOON". On display in Hohfeld Gallery through the month of June. "The orb of night", despite many scientific achievements there, continues to fascinate and this exhibit brings you up-to-date on what's up!

"SELECTIONS FROM THE RIETZ COLLECTION" in Lovell White Hall. Marvelous items involved in the gathering, storage, preparation and serving of food. Julia Child would love it! Continues indefinitely.

"PEOPLE/POPULATION" — a graphic look at us and the circumstances we face. Lower Gallery, Cowell Hall.

"CETACEA", an extensive exhibit devoted to marine mammals . . . and something has been added in the form of a bronze sculpture by Victor J. ("Trader Vic") Bergeron of two leaping dolphins. Continues in Cowell Hall for an indefinite period.

PLEASE NOTE

Herewith, advance notice for the dates of up-coming Academy membership meetings: June 12-13; July 17-18; and August 14-15.

News and Notes

For your calendar:

Members of the Academy will, in the next weeks, be receiving a notice that should be of special interest. The event: "PYGMIES", a feature-length documentary film in color which will have exclusive performances under the sponsorship of the Academy to be presented at the handsome Palace of Fine Arts in San

Francisco. This motion picture has never been televised. The date: Saturday afternoon and evening, June 8. A special price per seat will be offered to members. The general public is cordially invited to attend at a slightly higher rate.

"PYGMIES" was written, directed and produced by Jean-Pierre Hallet who will appear in person for commentary and for answering questions. The film presents, for the first time, the fascinating traditions, rituals and beliefs of the African pygmies. Mr. Hallet lived among the Efé Pygmies of the Ituri Forest for more than a decade so it is obvious he knows whereof he speaks and to what he has been witness.

Hollywood's *Daily Variety* says: "Must be the finest in-depth study of this vanishing people . . . thoroughly professional in approach . . . offering scenes never previously lensed . . . all laced with sociological and ecological truths". And the *Hollywood Reporter*: "A fascinating, affectionate study . . . appealing . . . absorbing . . . breathtaking . . . intimate . . . touching . . . unique". The film is narrated by Lorne Green of television's "Bonanza" fame.

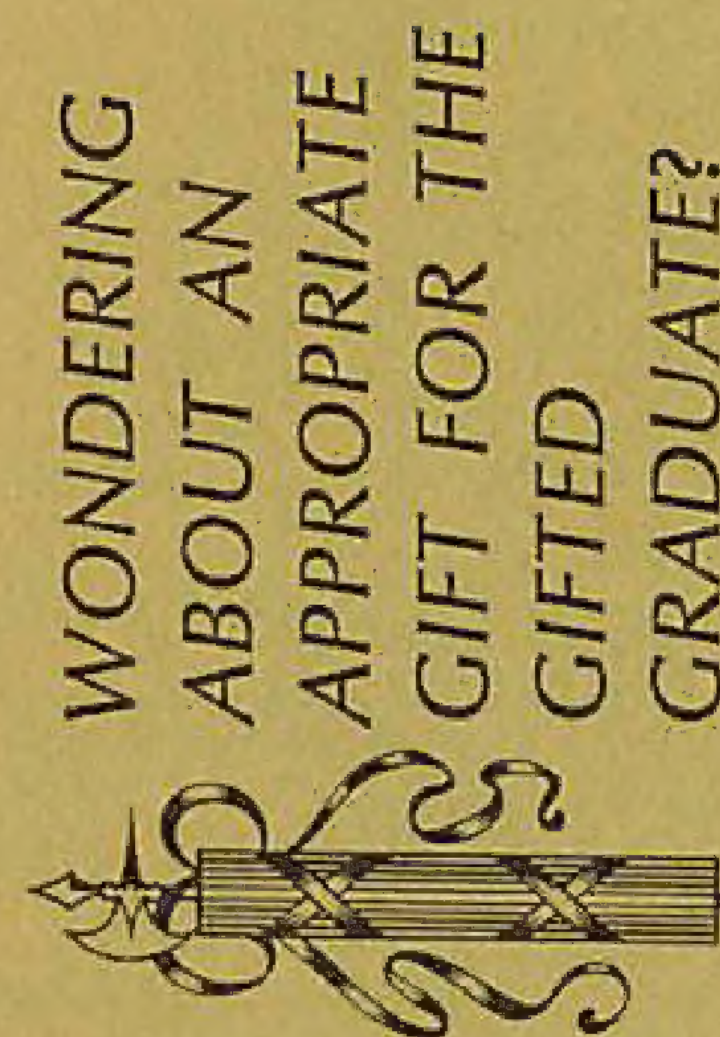
Two young lady scientists

received special recognition at the 21st Annual San Francisco Bay Area Science Fair held recently at the CAS. In addition to the prizes garnered by them in the Fair proper, members of the Academy staff chose them as recipients of statuettes and a \$50 bond that they felt were deserved honors from the host institution. The two winners were Elizabeth Albertson, 13, for her project titled "Flight Patterns" which involved sparrow hawks and their behavior as related to the wind. She attends Calaroga Junior High School in Hayward; and, Natalie Vandenberg, 18, a Grand Prize winner, singled out by the CAS for her project "Host Recognition and Selection in *Dinocampus coccinellae*".

Announcement is made of the publication of a new MEMOIR by the California Academy of Sciences. Number 7 in the limited series is entitled "Hydrographic History and Relict Fishes of the North-Central Great Basin". It is the work of Carl L. Hubbs, Robert Rush Miller, and Laura C. Hubbs. Publication

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Please indicate order of preference.

Saturday, June 15, 8-12 a.m.

Sunday, June 16, 8-12 a.m.

Sunday, June 16, 12:30-4:30 p.m.

Please make checks payable to the California Academy of Sciences.

Number in party: Adults: Youths: Amount enclosed

Name

Address

City

Zip

Telephone: Office

Home

REGISTRATION FORM - BAY ECOLOGICAL STUDY TOURS

date was February 8, 1974. It is available by writing the Academy and enclosing your check for \$10.00. 259 pages, many drawings, charts, photographs.

RECENT SCIENTIFIC PUBLICATIONS OF THE CALIFORNIA ACADEMY OF SCIENCES	
OCCASIONAL PAPERS	
"Phalangodidae from Caves in the Sierra Nevada (California) with a Redescription of the Type Genus (Opiliones: Phalangodidae)". Thomas S. Briggs, No. 108. March 14, 1974.	25c
"A Revision of the Genus <i>Ancylandrena</i> (Hymenoptera: Andrenidae)". Thomas J. Zavortink. No. 109. March 14, 1974.	50c
"Descriptions of Five New Species of Myctophid Fishes from the Pacific, Indian, and Atlantic Oceans". Robert L. Wisner. No. 110. March 14, 1974.	50c
"A Systematic Review of the Rattail Fishes (Macrouridae: Gadiformes) from Oregon and Adjacent Waters." Tomio Iwamoto and David L. Stein. No. 111. March 14, 1974.	75c
"North American Cave Millipeds. II. An Unusual New Species (Dorypetalidae) from Southern California, and New Records of <i>Speodesmus Tuganbuis</i> (Trichopolydesmidae) from New Mexico. William A. Shear. No. 112. March 14, 1974.	25c
"New Frogs of the Genus <i>Platymantis</i> (Ranidae) from the Philippines". Walter C. Brown and Angel C. Alcala. No. 113. March 14, 1974.	25c

ACADEMY MEMBERS' TRIPS - SUMMER 1974
Rogue River Rafting
July 3 - July 7, 1974. Three days rafting and camping on one of the wild rivers of the U.S. Departure by bus early on July 3 from CAS. Drive to Grants Pass where an overnight stop is arranged. Embark on rafts early the next morning. Expert raftsmen will guide you through the rapids, canyons and scenic beauty of the Rogue River. Opportunity will be available to ride air mattresses through the quieter sections of the river. Overnight camping for two nights. The night of July 6 will again be spent in a motel with departure from Grants Pass for San Francisco on July 7. Cost: \$185.00 (all inclusive, excepting lunch on the drive to Oregon and back). Motel accommodations, double occupancy (no single rooms). Deposit: \$50.00 (check payable to the California Academy of Sciences). Remainder payable by June 12. Limit: 20 members, minimum age 10. Reservations by mail only to: Travel Department, California Academy of Sciences, Golden Gate

Park, San Francisco, CA 94118. (Please indicate number of persons and include your address and phone number with reservation.)
San Francisco Bay Ecological Study Tours
On June 15 and 16 the Academy will offer three four-hour discovery voyages of S.F. Bay aboard the ship "Inland Sea", operated by the Marine Ecological Institute. These trips will be under the guidance of on-board scientist-instructors who will demonstrate methods of seining fishes, studying plankton and taking bottom samples. Passengers will participate in collecting specimens from the Bay. Limit: 45 persons per tour. Departure from the S.F. Marina. Cost: \$15 adults (16 and over). Limited youth fare spaces at \$10 apiece. Reservations by the attached form *only*. If at all possible you will be given your first choice.

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CONTRIBUTING MEMBER
Mr. James L. Zimmerman

CALIFORNIA ACADEMY
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NEWSLETTER

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